

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

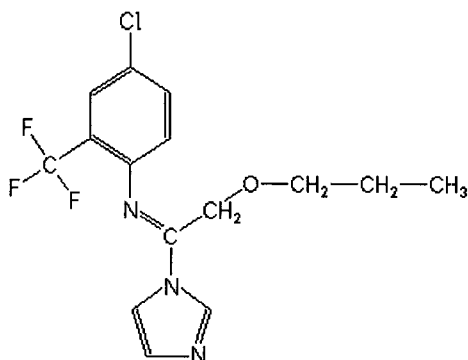
### Analyte: Triflumizole

CAS No.: 68694-11-1

Formula: C<sub>15</sub>H<sub>15</sub>ClF<sub>3</sub>N<sub>3</sub>O

Molecular mass (lowest isotopes): 345,09 amu

Structure:



Ionisation: ESI +

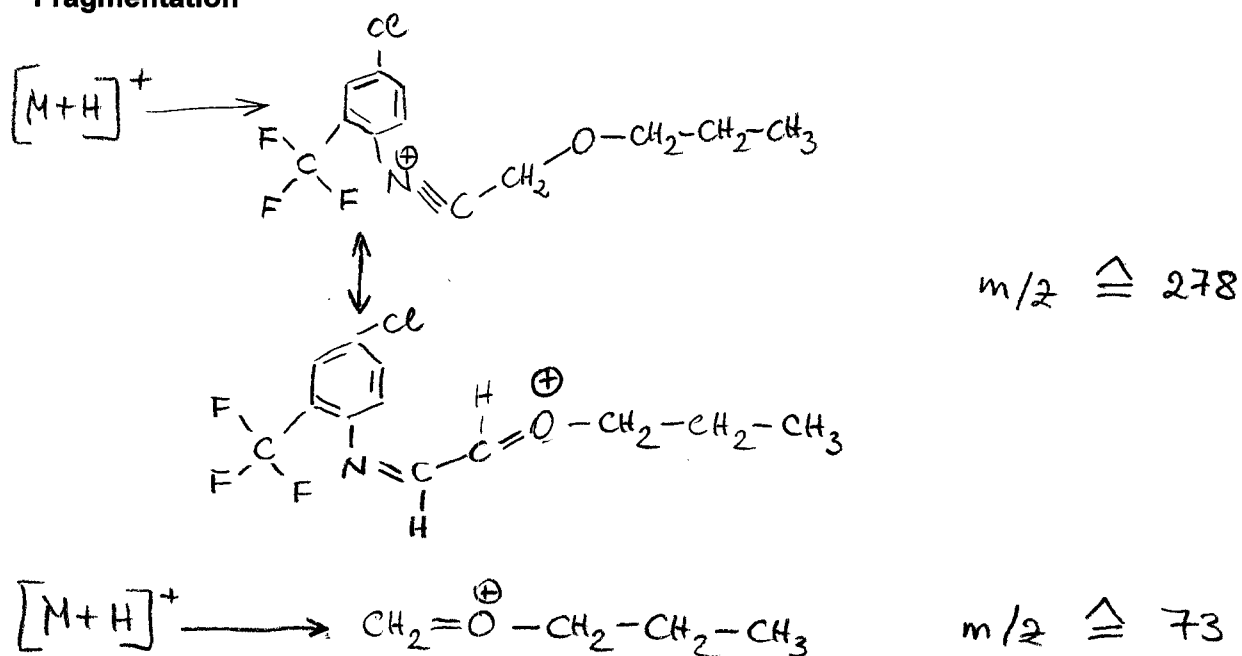
Quasimolecular ion: 346,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	346,0 → 278,0	346,0 → 73,1
Declustering potential (DP) <sup>*)</sup>	6 V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	8,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	17 V	23 V
Collision cell exit potential (CXP)	16 V	4 V

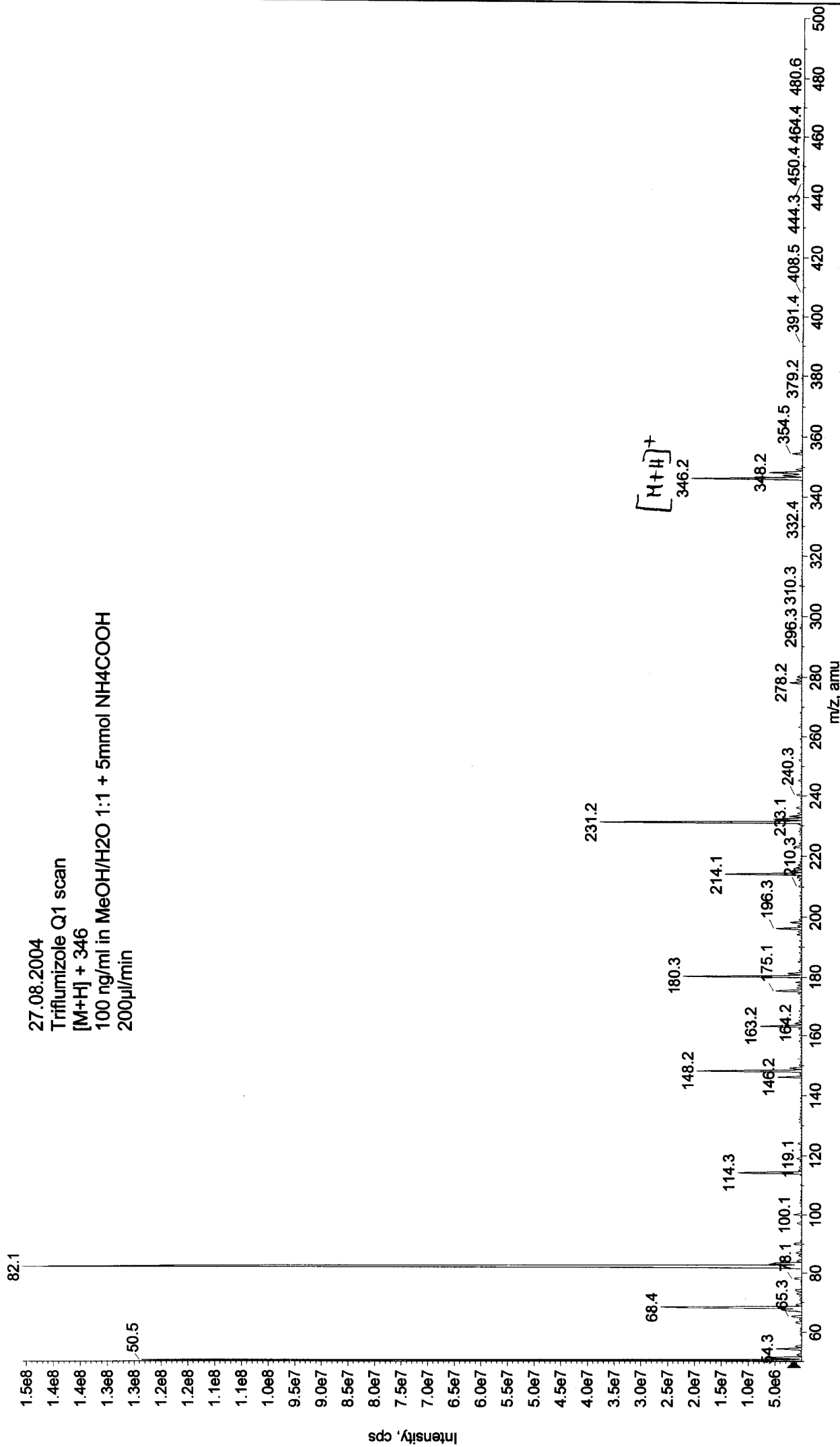
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040827084138.wiff (Turbo Spray)

Max. 1.5e8 cps



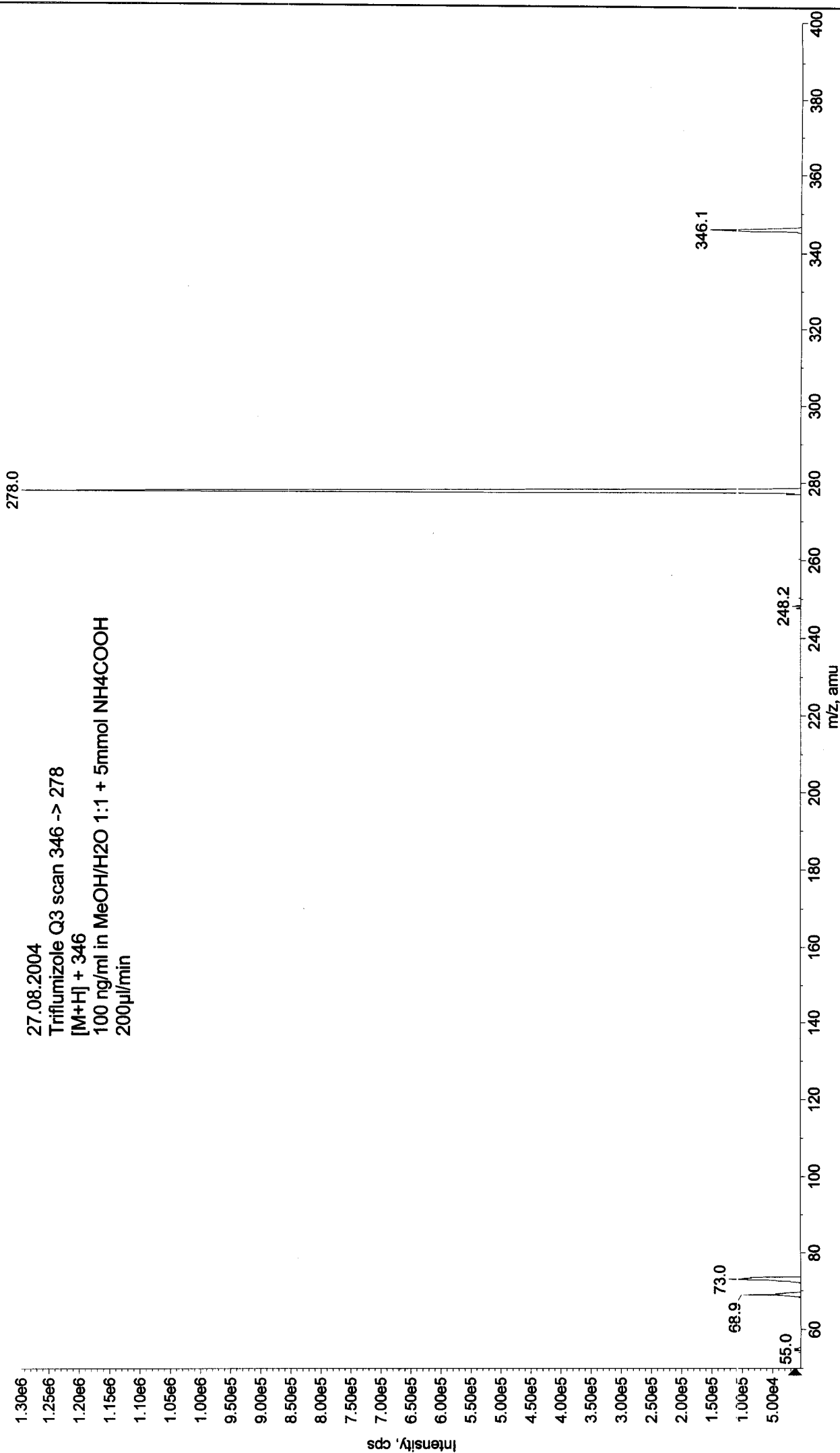
Printing Time: 8:49:25  
Printing Date: Friday, August 27, 2004

Acq. Time: 08:47  
Acq. Date: Friday, August 27, 2004  
Acq. File: MT20040827084749.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 1.3e6 cps

+MS2 (346.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040827084749.wiff (Turbo Spray)



Printing Time: 9:26:49

Printing Date: Friday, August 27, 2004

Acq. Time: 09:23

Acq. Date: Friday, August 27, 2004

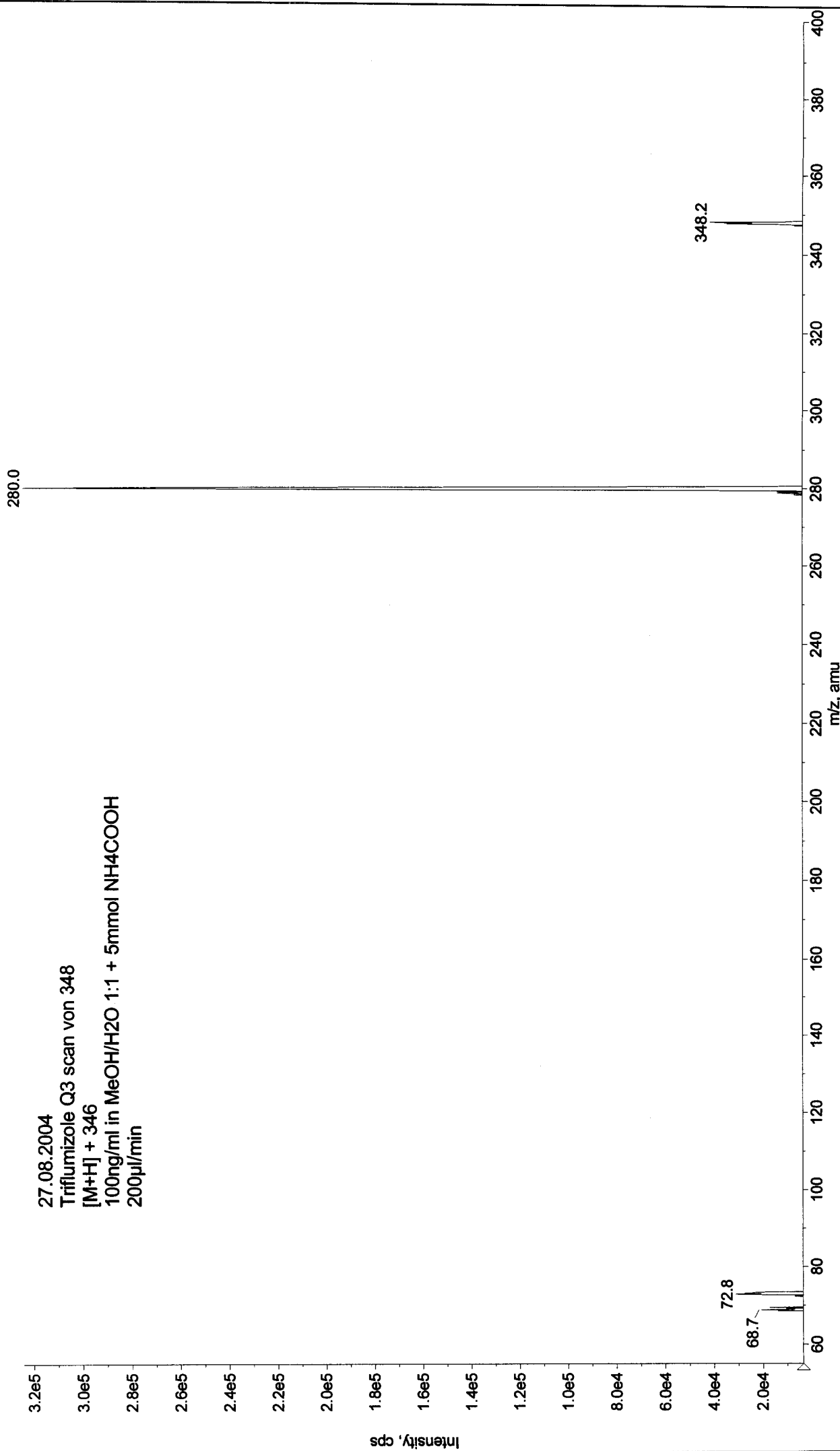
Acq. File: MT20040827092324.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

■ +MS2 (348.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040827092324.wiff (Turbo Spray) Max. 3.2e5 cps



+MS2 (346.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040827085739.wiff (Turbo Spray) Max. 5.5e5 cps

